Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Journal of Hydrology 297 (2004) 308
Journal of Hydrology
www.elsevier.com/locate/jhydrol

Contents of Volume 297

Vol. 297, Nos. 1–4 **September 1, 2004**

Research Papers

Modeling erosion and overbank deposition during extreme flood conditions on the Carson River, Nevada
R. W. H. Carroll, J. J. Warwick, A. I. James and J. R. Miller 1
Analytic game—theoretic approach to ground-water extraction
H. A. Loáiciga 22
State space neural networks for short term rainfall-runoff forecasting
T.-y. Pan and R.-y. Wang 34
Estimation of groundwater pumping as closure to the water balance of a semi-arid, irrigated agricultural basin
N. Ruud, T. Harter and A. Naugle 51
Effect of percent non-detects on estimation bias in censored distributions
Z. Zhang, W. C. Lennox and U. S. Panu 74
Investigation of the effects of fractured porous media on hydraulic tests—an experimental study at laboratory scale using single well methods
C. Leven, M. Sauter, G. Teutsch and P. Dietrich 95
Selection of variables for the purpose of regionalization of Iran's precipitation climate using multivariate methods
Y. Dinpashoh, A. Fakheri-Fard, M. Moghaddam, S. Jahanbakhsh and M. Mirnia 109
Throughfall and throughfall spatial variability in Madrean oak forest communities of northeastern Mexico
D. E. Carlyle-Moses, J. S. Flores Laureano and A. G. Price 124
Representation of landscape variability and lateral redistribution processes for large-scale hydrological modelling in semi-arid areas
A. Güntner and A. Bronstert 136
Episodic acidification in northern Sweden: a regional assessment of the anthropogenic component
H. Laudon, O. Westling, A. Bergquist and K. Bishop 162
Snowmelt infiltration: monitoring temporal and spatial variability using time-lapse electrical resistivity
H. French and A. Binley 174
Estimation of groundwater exchange in alpine lakes using non-steady mass-balance methods
J. T. Gurrieri and G. Furniss 187
Management of coastal aquifers based on nonlinear optimization and evolutionary algorithms
A. Mantoglou, M. Papantoniou and P. Giannoulopoulos 209
TDR application for automated water level measurement from Mariotte reservoirs in tension disc infiltrometers
D. Moret, M. V. López and J. L. Arrúe 229
A spatial time series framework for simulating daily precipitation at regional scales
P. C. Kyriakidis, N. L. Miller and J. Kim 236
The effects of dykes and faults on groundwater flow in an arid land: the Red Sea Hills, Sudan
M. Babiker and A. Gudmundsson 256
Response of carbonate aquifer to climate change in northern China: a case study at the Shentou karst springs
T. Ma, Y. Wang and Q. Guo 274
Groundwater influences on soil moisture and surface evaporation
X. Chen and Q. Hu 285

Discussions

Comment on "STAND, a dynamic model for sediment transport and water quality" by W. Zeng and M. Beck, 2003. Journal of Hydrology 277, 125–133
Z. Cao 301
Reply to "Comments on 'STAND, a dynamic model for sediment transport and water quality' by W. Zeng and M. B. Beck, 2003. Journal of Hydrology 277, 125–133"
W. Zeng and M. B. Beck 305

doi: 10.1016/S0022-1694(04)00344-0